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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/812,786	03/15/2001	Fumio Nishimura	04329.2538	9955

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WASHINGTON, DC 20005

EXAMINER

POPE, DARYL C

ART UNIT	PAPER NUMBER
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2632

DATE MAILED: 06/18/2003

b

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
**09/812,786**

Applicant(s)  
**NISHIMURA ET AL**

Examiner  
**DARYL C. POPE**

Art Unit  
**2632**



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Mar 12, 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 4-6, 9, 10, and 13-16 is/are rejected.
- 7) ☒ Claim(s) 2, 3, 7, 8, 11, 12, 17, and 18 is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:

- ☐ Certified copies of the priority documents have been received.
- ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
- ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-949) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 6) ☐ Other:

Art Unit: 2632

### DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

#### **ART REJECTION:**

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. **Claims 1,4-6, and 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Henderson et al(6,526,333).**

-- In considering **claims 1,6, and 16** the claimed subject matter that is met by Henderson et al(Henderson) includes:

Art Unit: 2632

1) the claimed instructing replacement of a fan module(see: column 7, lines 45-55);;

2) the claimed controlling a fan drive voltage and the claimed turning off the voltage when replacement is instructed is met by(see: column 8, lines 11-39).

-- **Claims 4-5** recites subject matter that is met as discussed in claim 1 above, as well as indicating replacement is possible, and controlling the voltage if the replacement is completed is met(see: column 8, lines 33-39).

***Claim Rejections - 35 USC § 103***

**4. Claims 9-10, and 13-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Henderson et al(Henderson).**

-- In considering **claims 9-10**, although not specifically shown, use of relay cables which are connect able/disconnect able and are coupled to fan modules for providing voltage is well known in the art. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate some form of cable for providing power, since this would have been the most reliable and as well safety oriented means of providing proper voltages for operating the fans. As well, all other claimed subject matter is met as discussed in claim 6 above.

-- **Claims 13-15** recite subject matter that was met as discussed in claim 6 above, as well as:

1) the claimed means for controlling including a switch and software are met(see: column 8, lines 1-50).

Art Unit: 2632

***Allowable Subject Matter***

5. Claims 2-3,7-8,11-12, and 17-18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**REMARKS:**

***Response to Arguments***

6. Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

7. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314(for formal communications intended for entry)

and as well:

(703) 872-9314(for informal or draft communications, please label

“PROPOSED” or “DRAFT”)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Art Unit: 2632

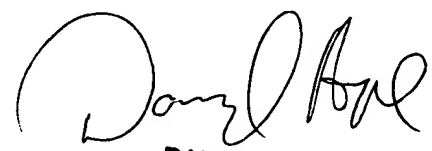
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daryl C. Pope whose telephone number is (703) 305-4838. The examiner can normally be reached on M-Th from 7:30 to 6:00 since the examiner works on a compressed work schedule in which every Friday is the examiner's day off.

**All interviews requested, whether personal or telephonic, are to be scheduled for times during the examiner's work hours between Tuesdays-Wednesdays. All other time periods requested will only be considered on an emergency basis.**

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu, can be reached on (703) 308-6730. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Daryl C. Pope

  
**DARYL POPE  
PRIMARY EXAMINER**

Jun 12, 2002